BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Improvements to Roads and Drains at 3rd, 4th and 5th Main Road Chamundeshwari Layout in Ward No. 10,(Doddabommasandra) Vidyaranyapura Sub Division.**

			Estimate Cost:					4500000.00	
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 138 / Item No. 19.1 / PWD SR 2014-15**	Cum							
	Desilting of Drains								
	3rd Main Road Chamundeshwari Layout		2	361.00	0.60	0.35	151.62		
	4th Main Road Chamundeshwari Layout		2	365.00	0.60	0.35	153.30		
	5th Main Road Chamundeshwari Layout		2	363.00	0.60	0.35	152.46		
	From Kateramma Temple to Masti House Road		2	110.00	0.60	0.35	46.20		
	Behind Gas Godan Road		2	110.00	0.60	0.35	46.20		
	BEL 2nd Block 5th Cross Road		2	350.00	0.60	0.35	147.00		
	BEL 2nd Block 4th Main Road		2	350.00	0.60	0.35	147.00		
			2	355.00	0.60	0.35	149.10		
	For Road Work Behind Gas Godan Road		1	110.00	6.00	0.15	99.00		
							1091.88	75.60	**82546.00**
	Basic Rate	70.00							
	Area Weightage @8%	5.60							
	Total	**75.60**							
2	Providing, laying, spreading and compacting graded stone aggregate to **wet mix macadam** specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications **Page No. 154 / I. 20.18 PWD SR - 2014-15**	Cum							
	3rd Main Road Chamundeshwari Layout		1	361.00	5.00	0.15	270.75		
	4th Main Road Chamundeshwari Layout		1	365.00	5.00	0.15	273.75		
	5th Main Road Chamundeshwari Layout		1	363.00	5.00	0.15	272.25		
	From Kateramma Temple to Masti House Road		1	110.00	5.00	0.15	82.50		
	BEL 2nd Block 5th Cross Road		1	350.00	6.00	0.15	315.00		
	BEL 2nd Block 4th Main Road		1	350.00	5.50	0.15	288.75		
			1	335.00	6.00	0.15	301.50		
							1804.50		
	Consider 30% for Road Cutting and Shoulders						541.35		
	Behind Gas Godan Road		1	110.00	6.00	0.20	132.00		
							673.35	1438.56	**968654.00**
	Basic Rate	1332.00							
	Area Weightage @ 8%	106.56							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	[redacted] **Total**	**1438.56**							
3	[redacted]oviding and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WBM, WMM including cleaning of road surface and spraying primer at the rate of 0.60 Kg / sqm using mechnical means complete as per specifications. MORTH specification NO. 502, **Page No. 157 / Item No. 21.6 / PWD SR 2014-15**	Sqm							
	3rd Main Road Chamundeshwari Layout		1	361.00	5.00		1805.00		
	4th Main Road Chamundeshwari Layout		1	365.00	5.00		1825.00		
	5th Main Road Chamundeshwari Layout		1	363.00	5.00		1815.00		
	From Kateramma Temple to Masti House Road		1	110.00	5.00		550.00		
	Behind Gas Godan Road		1	110.00	6.00		660.00		
	BEL 2nd Block 5th Cross Road		1	350.00	6.00		2100.00		
	BEL 2nd Block 4th Main Road		1	350.00	5.50		1925.00		
			1	335.00	6.00		2010.00		
							12690.00	31.32	**397451.00**
	asper Revised Basic Rate	29.00							
	Area Weightage @ 8%	2.32							
	Total	**31.32**							
4	KSRRB M500-18: Providing and laying **semi dense bituminous concrete** using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem roller to achieve the desired compaction as per MORTH specifications clause No. 500.8 complete in all respects as per specifications. **with 100-120 TPH capacityH.M.P with sensor paver Gr-II (25 mm to 30 mm) with 5 % VG-30 Bitumen Page No. 159 / Item No. 21.20.2 / PWD SR 2014-15**	Cum							
	3rd Main Road Chamundeshwari Layout		1	361.00	5.00	0.025	45.13		
	4th Main Road Chamundeshwari Layout		1	365.00	5.00	0.025	45.63		
	5th Main Road Chamundeshwari Layout		1	363.00	5.00	0.025	45.38		
	From Kateramma Temple to Masti House Road		1	110.00	5.00	0.025	13.75		
	Behind Gas Godan Road		1	110.00	6.00	0.025	16.50		
	BEL 2nd Block 5th Cross Road		1	350.00	6.00	0.025	52.50		
	BEL 2nd Block 4th Main Road		1	350.00	5.50	0.025	48.13		
			1	335.00	6.00	0.025	50.25		
							317.25		
	Consider 10% for Depression Filling						31.73		
							348.98	8475.84	**2957856.00**
	as per Revised Basic Rate	7848.00							
	Area Weightage @ 8%	627.84							
	Total	**8475.84**							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
5	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**655.13**	73.57	**48198.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.130 PWD SR 2014-15	63.00							
		68.12							
	Area Weightage @ 8%	5.45							
	Total	**73.57**							
6	Sub Total								**4454705.00**
7	For Third Party QC Charges @ 1%								**44547.00**
8	Miscellaneous and other Charges	L/S							**748.00**
								Total	**4500000.00**
	(Rs.Fourty Five Lakhs Only)								

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVELY SANCTIONED FOR Rs 45,00,000/-
Rupees Fourty Five lakhs only
Under P-3084
Registered as EE ( ) No 3...9...
Subject to conditions contained in
enclosed memo EE ( ) No ...19/...
Dt ... Estimate A/Sanctioned
No 38
dated 20/08/15 Rs 45,00,000/-

Technical Sanction
Accorded for ...45.00 Lakhs Rs
Head of A/C ...P3089
CER NO :...57... Dt:..21.8.15

TA

CE (YNK)

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92